

The principles of this invention having been fully explained in connection with the foregoing, I hereby claim as my invention:

1. An ice shelter modular seat system which comprises
a base unit,
at least one seat mount unit, and
at least one seat leg unit.

2. The modular seat system of claim 1 wherein the base unit is a generally rectangular tub-like or trough-like member having a base floor, at least one primary base wall that extends generally upwardly from the base floor, and a plurality of adjoining secondary base walls.

3. The modular seat system of claim 2 wherein the at least one primary base wall includes a generally horizontal and outwardly extending primary wall lip and a longitudinally extending support member attached to the primary wall lip.

4. The modular seat system of claim 3 wherein the at least one seat mount unit and the at least one seat leg unit are integrally formed.

5. The modular seat system of claim 3 wherein the support member is made of an extruded metal material.

6. The modular seat system of claim 3 wherein the base floor of the base unit includes at least one longitudinally extending leg track.

7. The modular seat system of claim 6 wherein the at least
5 one leg track is integrally formed within the base floor by a pair of opposing flanges.

8. The modular seat system of claim 7 wherein the seat mount unit includes a top portion, a middle portion, and a front portion.

9. The modular seat system of claim 8 wherein the top
10 portion of the seat mount unit includes a top surface and a bottom surface, the top surface of the seat mount unit including a mount pad for accommodating a base for a boat seat therewithin.

10. The modular seat system of claim 8 wherein the at least one seat leg unit includes a top bridge portion and a pair of leg portions.

15 11. The modular seat system of claim 10 wherein the top bridge portion of the at least one seat leg unit includes an upper surface and at least one stub extending upwardly therefrom.

12. The modular seat system of claim 11 including means for attaching the at least one seat mount unit to the at least one seat leg unit.

13. The modular seat system of claim 12 wherein the seat mount unit and seat leg unit attaching means comprises a pair of hollows defined within the bottom surface of the seat mount unit top portion, each hollow being functionally adapted to receive a leg unit stub therewithin.

5 14. The modular seat system of claim 8 wherein the seat mount unit middle portion extends generally forwardly of and downwardly from the top portion of the seat mount unit and includes a downwardly extending support portion for stabilizing the seat mount unit at the point of the uppermost edge of the primary base wall.

10 15. The modular seat system of claim 8 wherein the seat mount unit front portion includes a top surface and a bottom surface.

16. The modular seat system of claim 15 including means for removably attaching the seat mount unit to the primary wall of the base unit.

15 17. The modular seat system of claim 16 wherein the seat mount unit and base unit attaching means includes a seat mount retaining bracket attached to the bottom surface of the front seat mount portion and extending generally downwardly from it.

20 18. The modular seat system of claim 17 wherein the seat mount retaining bracket includes an inwardly extending flange, the bracket

flange being engagable with a portion of the longitudinally extending support member.

19. The modular seat system of claim 3 including hinge means for attaching the seat mount unit to the primary wall of the base unit.

5 20. The modular seat system of claim 15 where the top surface of the front seat mount portion includes a number of cup-holding apertures and a rod holding aperture.

21. The modular seat system of claim 8 wherein the at least one seat mount unit is made of a single piece of molded material.

10 22. The modular seat system of claim 10 wherein the at least one seat leg unit is made of a single piece of molded material.

23. An ice shelter modular seat system for securing a plurality of seats in variable proximal locations which comprises

a base,

15 a plurality of seat mounts, and

a plurality of seat legs,

wherein each seat mount is removably engagable with a seat leg and variably positionable within the base.

20 24. The modular seat system of claim 23 wherein the base is a generally rectangular tub-like member having a base floor, a primary

base wall that extends generally upwardly from the base floor, and a plurality of adjoining secondary base walls and wherein the primary base wall includes a generally horizontal and outwardly extending lip and a longitudinally extending support member attached to the lip.

5 25. The modular seat system of claim 24 wherein the floor of the base includes at least one longitudinally extending leg track.

26. The modular seat system of claim 25 wherein the at least one leg track is integrally formed within the base floor by a pair of opposing flanges.

10 27. The modular seat system of claim 25 wherein each of the at least one seat mounts includes a top portion, a middle portion, and a front portion, the top portion including a top surface and a bottom surface, the top surface a mount pad for accommodating a base for a boat seat therewithin.

15 28. The modular seat system of claim 27 wherein each of the at least one seat legs includes an upper surface and at least one stub extending upwardly therefrom.

29. The modular seat system of claim 28 including means for attaching the at least one seat mount to the at least one seat leg, the seat
20 mount and seat leg attaching means comprising a pair of hollows defined

within the bottom surface of the seat mount top portion, each hollow being functionally adapted to receive a seat leg stub therewithin.

30. The modular seat system of claim 29 wherein the seat mount middle portion extends generally forwardly of and downwardly from
5 the top portion of the seat mount and includes a downwardly extending support portion for stabilizing the seat mount at the point of the uppermost edge of the primary base wall.

31. The modular seat system of claim 29 wherein the seat mount front portion includes a top surface and a bottom surface and
10 includes means for removably attaching the seat mount to the primary wall of the base.

32. The modular seat system of claim 31 wherein the seat mount and base attaching means includes a seat mount retaining bracket attached to the bottom surface of the front seat mount portion and
15 extending generally downwardly from it.

33. The modular seat system of claim 32 wherein the seat mount retaining bracket includes an inwardly extending flange, the bracket flange being engagable with a portion of the longitudinally extending support member.

34. The modular seat system of claim 24 including hinge means for attaching the seat mount unite to theprimary wall of the base unit.

35. The modular seat system of claim 33 where the top
5 surface of the front seat mount portion includes at least one cup-holding aperture and at least one rod holding aperture.

36. The modular seat system of claim 23 wherein the at least one seat mount is made of a single piece of molded material.

37. The modular seat system of claim 23 wherein the at least
10 one seat leg is made of a single piece of molded material.

38. The modular seat system of claim 23 wherein the at least one seat mount and the at least one seat leg are integrally formed.